

Patent Abstracts of Japan

PUBLICATION NUMBER : 2003013001
PUBLICATION DATE : 15-01-03

APPLICATION DATE : 26-06-01
APPLICATION NUMBER : 2001193430

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INT.CL. : C09D163/00 C09D 5/00 C09D157/10 C09D201/00

TITLE : ULTRAVIOLET LIGHT-CURING TYPE COATING MATERIAL COMPOSITION FOR CAN
AND METHOD FOR PRODUCING COATED METAL CAN

ABSTRACT : PROBLEM TO BE SOLVED: To provide an ultraviolet light-curing type coating material, capable of being cured by a low dose ultraviolet light irradiation, excellent in coated film performance such as processability, close adhesion, hardness and scratch- resistance, etc., especially capable of forming a coated film excellent in coated film appearance and retort resistance, and a coated metal can by using the above composition.

SOLUTION: This ultraviolet-light curing type coating material composition contains 10-100 pts.wt. of (A) a compound having an alicyclic epoxy group in the molecule and not having an ester bond, 0-90 pts.wt. of (B) a compound having an alicyclic epoxy group in the molecule and an ester group and/or epoxy compound having glycidyl group, 1-50 pts.wt. of a copolymer having glycidyl group and/or at least one alicyclic epoxy group in the molecule, and 0.01-20 pts.wt. of a cationic polymerization initiator each based on 100 pts.wt. total amount of the compounds (A) and (B).

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